

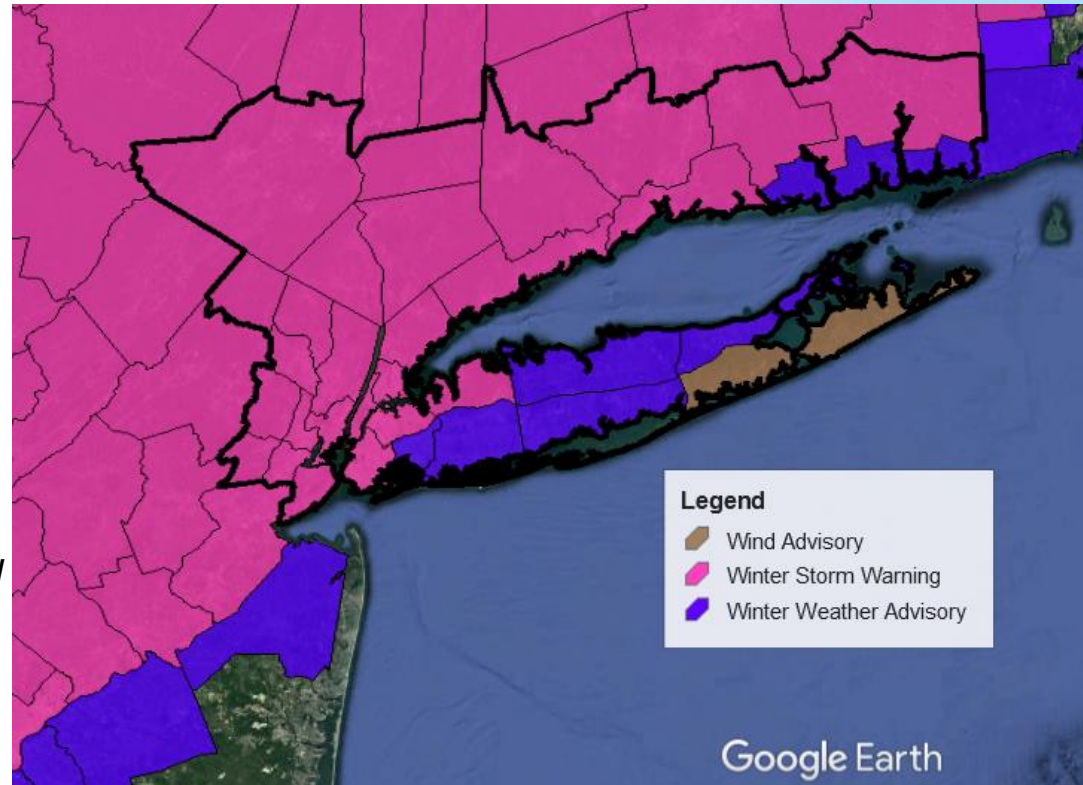
Winter Storm Late Tonight into Wednesday Night...

Decision Support Briefing #4




As of: 500 PM Mar 06, 2018

What Has Changed?

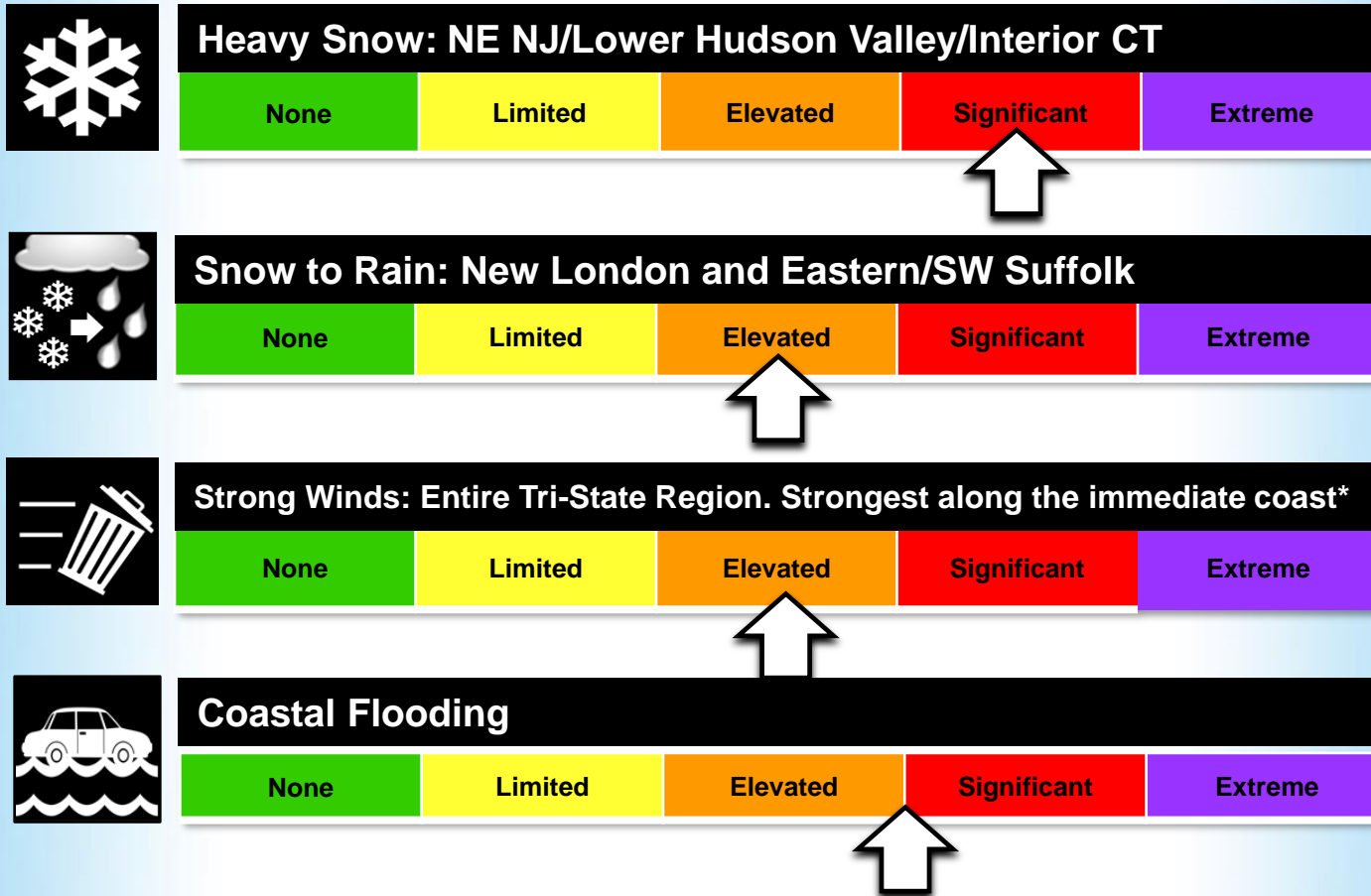
- ✓ Winter Storm Warning remains in effect for most of the Tri-State
- ✓ Winter Storm Watch was cancelled for Southeast Suffolk.
- ✓ Winter Storm Warning was downgraded to an advisory for Northwest Suffolk, Southern Nassau, Southern Queens and Southern Middlesex.
- ✓ A Wind Advisory was issued for Southeast Suffolk.
- ✓ Coastal Flood Warnings and Advisories have been issued for the coast.



Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 	<ul style="list-style-type: none"> • 10-16" of snowfall with locally higher amounts with snowfall rates of 1-2+" per hour. Travel will be difficult to nearly impossible. • 4-8" of snow with snowfall rates of 1" per hour. Hazardous travel. 	<p>→ Interior portions of the Lower Hudson Valley, SW Connecticut and NE NJ.</p> <p>→ Portions of the NYC/NJ Metro, coastal SW CT and Coastal Westchester.</p>	<p>Steady snow after midnight tonight.</p> <p>Heaviest snowfall 10 AM to 8 PM Wednesday</p>
Snow to Rain 	<ul style="list-style-type: none"> • 2-5" of snow • Snow mixed with or changing to rain. 	<p>Coastal New London, Southern Queens and much of Long Island.</p>	<p>Transition to rain begins mid to late Wednesday morning</p>
Strong Winds 	<ul style="list-style-type: none"> • 20 to 30 mph with gusts around 40-50 mph. • Any downed trees and power lines will cause power outages. • Near white out conditions possible at times, especially across the interior. 	<p>The Tri-State area (strongest winds along the coast, especially eastern Suffolk and SE Connecticut)</p>	<p>Wednesday morning into early Wednesday evening</p>

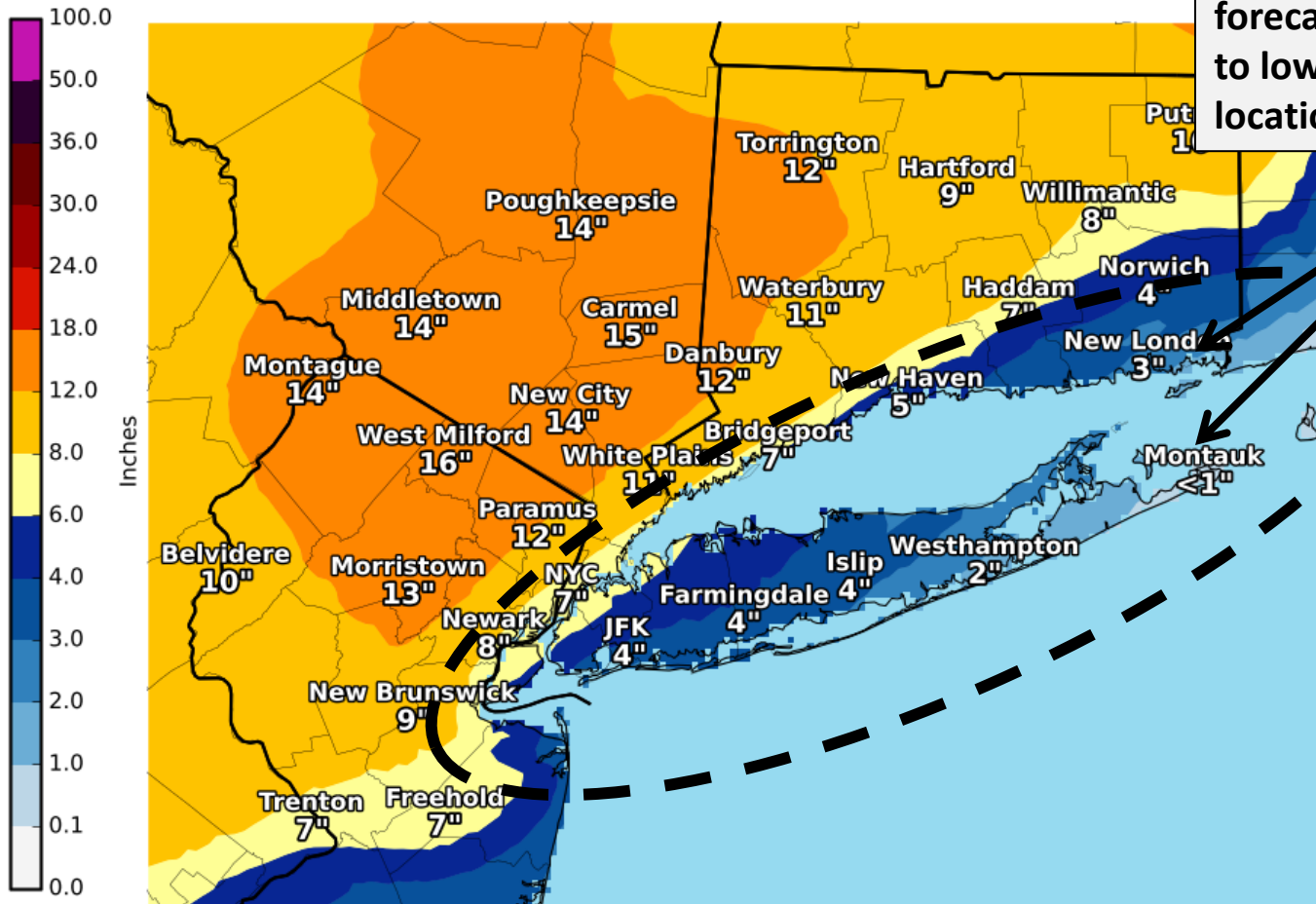
Summary of Greatest Impacts



* Impacts from wind elevated due to wet conditions, heavy snow and previous storm impacts

Expected Snowfall - Official NWS Forecast

Valid: 03/06/2018 07:00 PM - 03/08/2018 07:00 AM EST



Greatest uncertainty in forecast snowfall amounts due to low confidence in the location of the rain/snow line.

A storm track **closer** to the coast will move the rain/snow line west, resulting in **lower** snowfall totals along the coast.

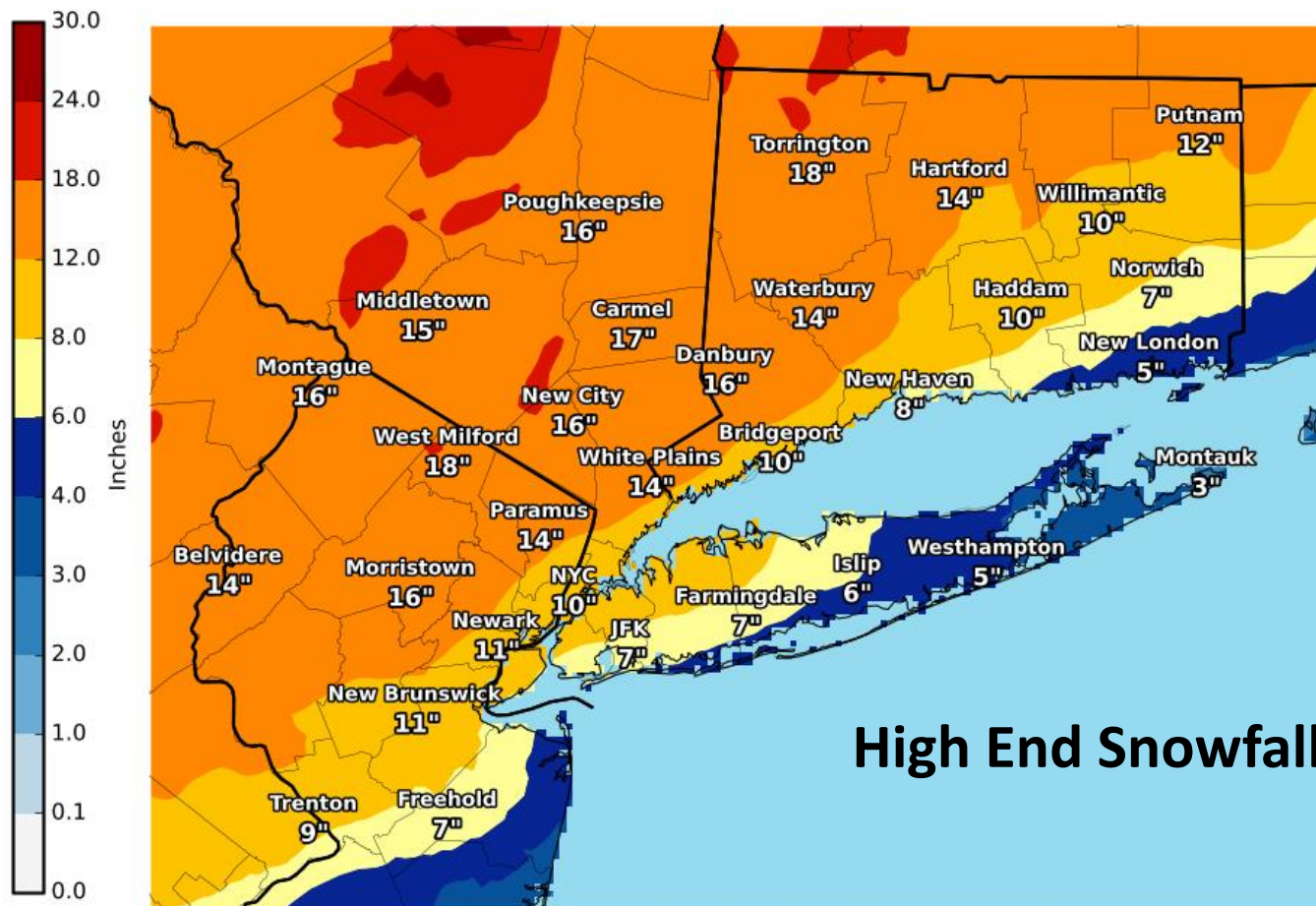


National Weather Service
New York NY
03/06/2018 03:32 PM EST

Follow Us:   
weather.gov/nyc/winter

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid: 03/06/2018 07:00 PM - 03/08/2018 07:00 AM EST



High End Snowfall

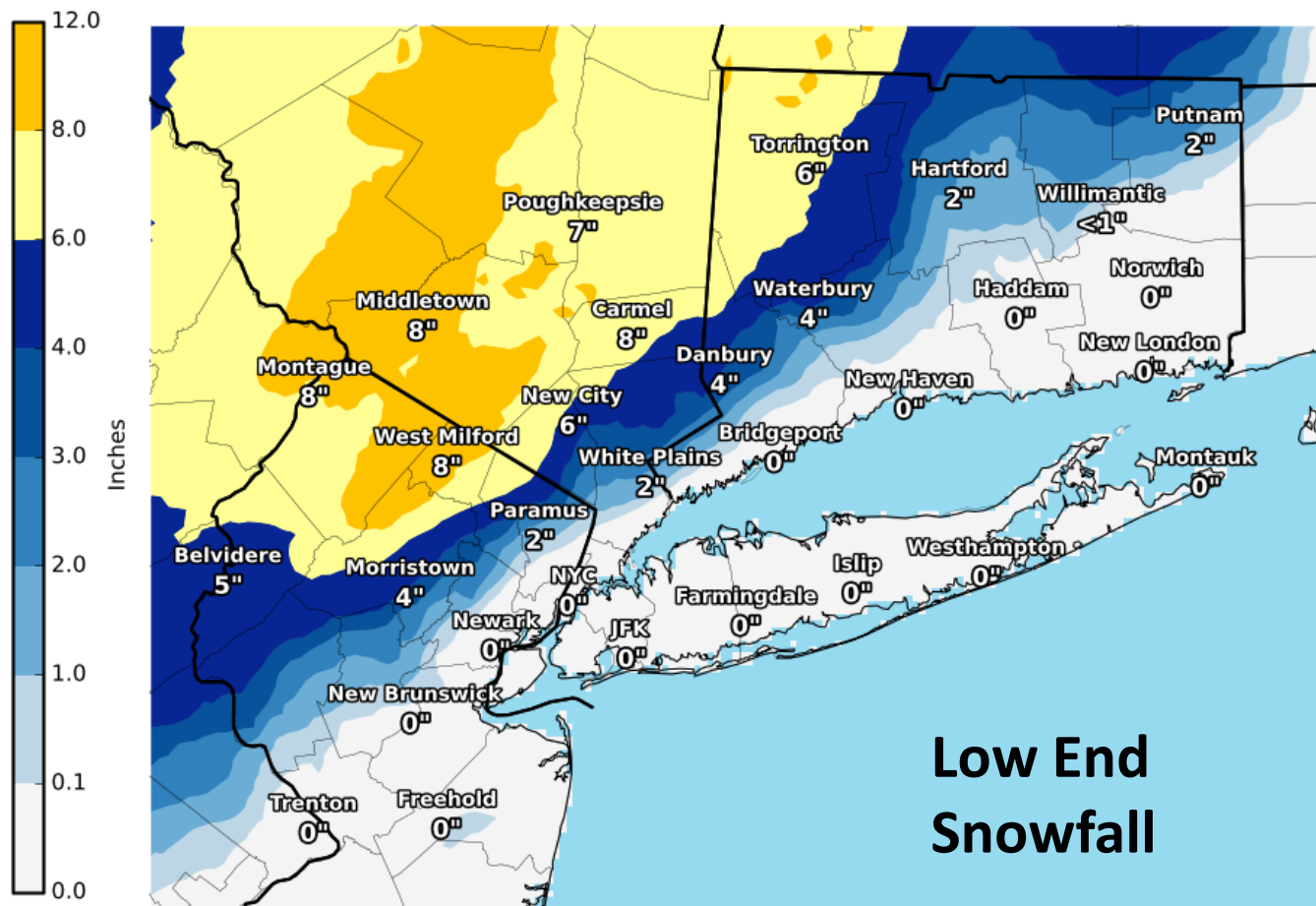


National Weather Service
New York NY
 03/06/2018 03:37 PM EST

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Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

Valid: 03/06/2018 07:00 PM - 03/08/2018 07:00 AM EST



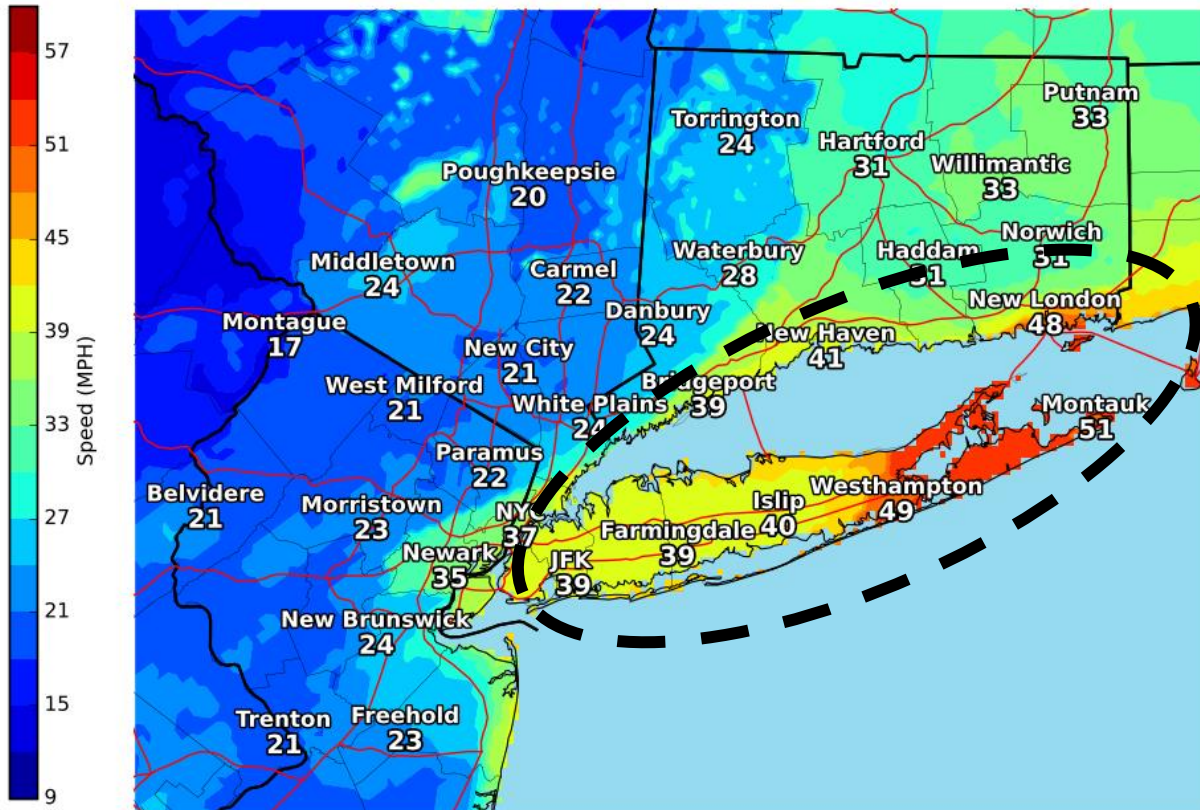
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Strong Winds

Wind Gusts

Valid: Wednesday, March 07, 2018 at 03 PM EST



- Strongest winds 20-30 MPH with gusts around 50 MPH likely along the coast during the morning and afternoon.

Forecast Uncertainty

- ✓ If the storm continues to trend closer to the coast, snow amounts along the coastal plain will have to be further lowered.

Event Summary

- ✓ Heavy Wet Snow across Interior
 - ✓ Downed tree limbs and powerlines
 - ✓ Snowfall rates 1 to 2 “/hr will make for travel difficult to nearly impossible.
- ✓ Snow will mix with rain along the coast, with significantly lesser amount working south and east.
- ✓ Heaviest precipitation falls from Wednesday morning into early Wednesday evening.
- ✓ Strong easterly winds of 20 to 30 mph with gusts 40 to 50 mph along the coast.
- ✓ Widespread minor to locally moderate coastal flooding expected during high tide Wednesday afternoon. Widespread moderate flooding in the southern bays of Western LI and Jamaica Bay.